



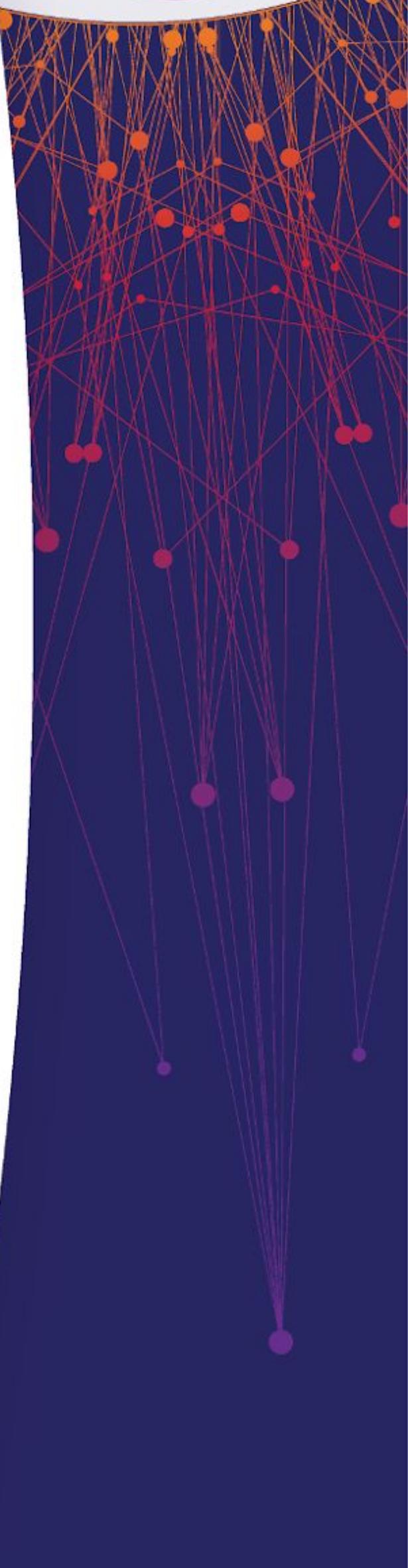
# Starting my career The Apache Way

**Zita Dombi**

Apache Ozone Committer  
Software Engineer II @ Cloudera Inc.

# Agenda

- About me
- Apache Ozone
- How it all started
- What helped me?
- Learned lessons



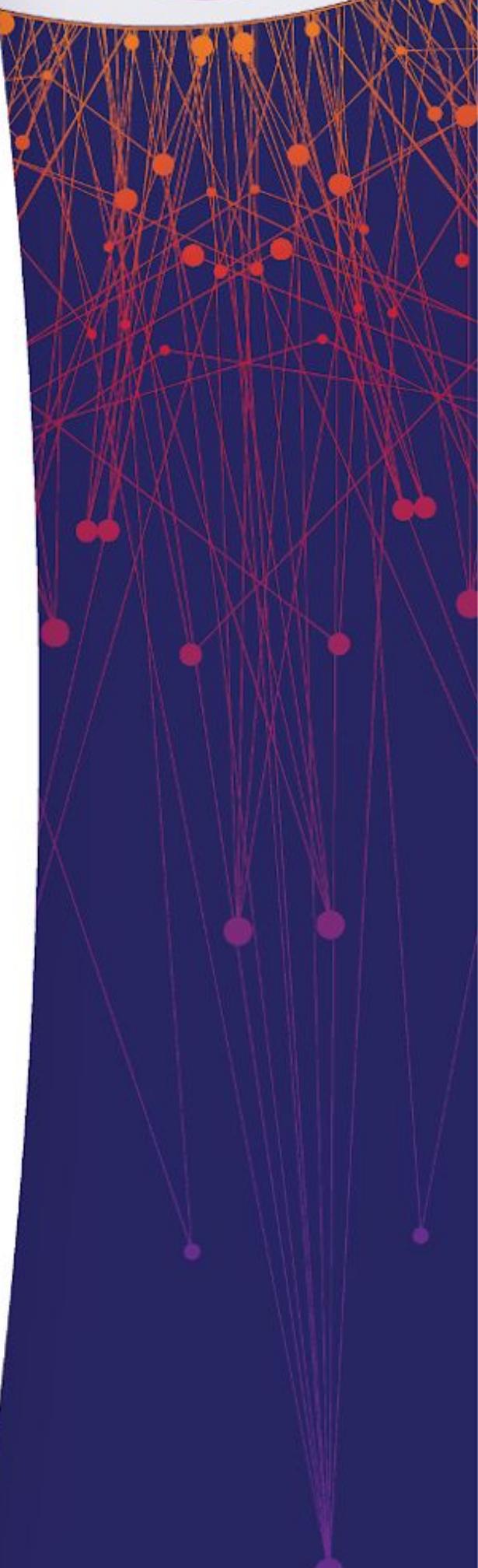


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**About me**

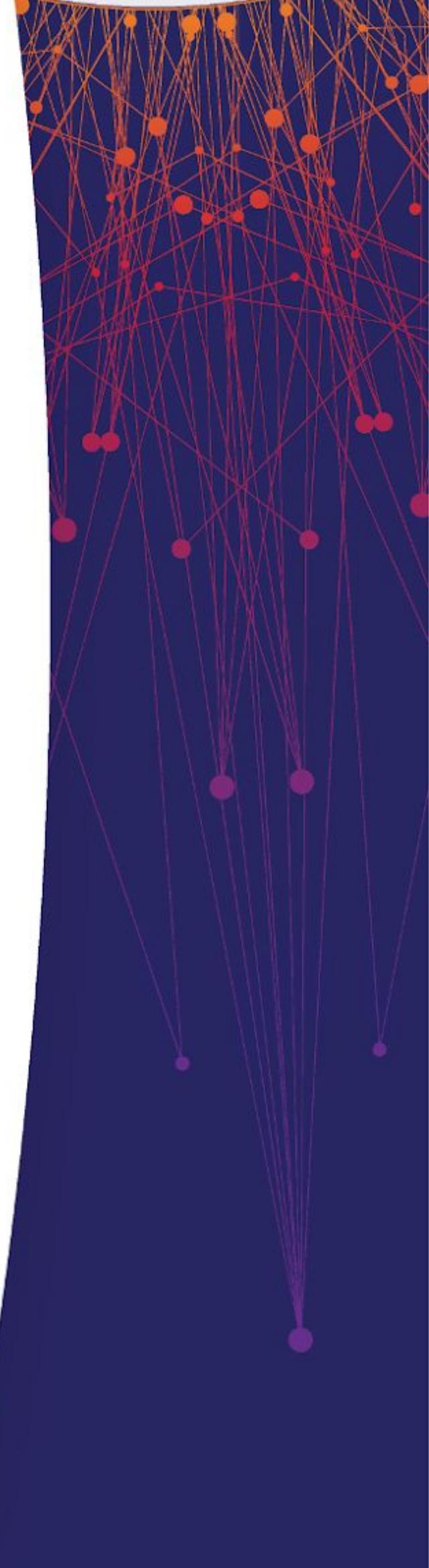
# About me

- Computer science BSc at University of Szeged
- Research group during my studies
- Computer science MSc



# Professional career

- Joined Cloudera as a software engineer intern - 2021
- Started contributing to Ozone
- Full time software engineer - 2022
- Apache Ozone committer - 2023

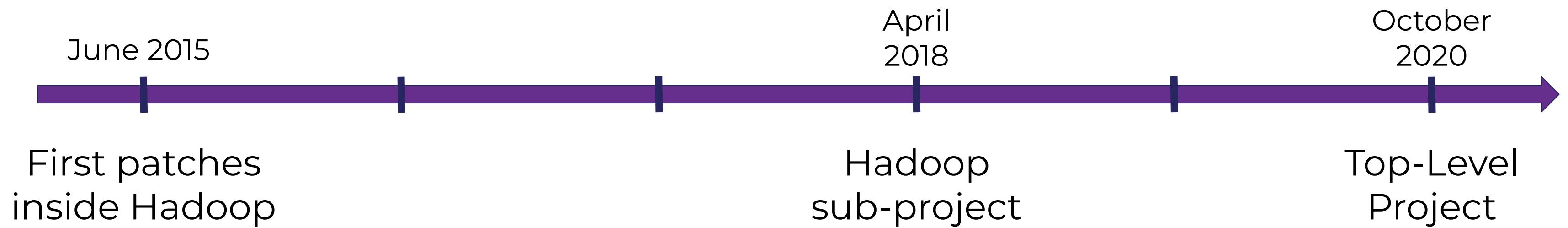




# Apache Ozone



# Apache Ozone - History

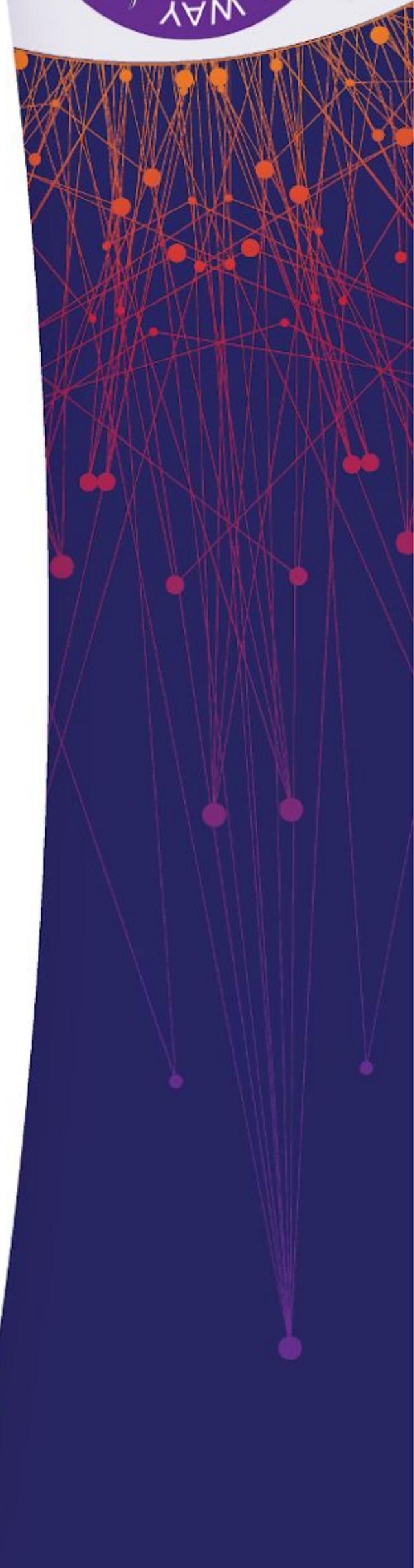


- A scalable, redundant, and distributed object store for Hadoop
- 1.3.0 is the current version, 1.4.0 release is in progress



# What was I part of?

- HttpFS interface for Ozone
- Read replicas CLI tool
- Recon improvements
- HTTP authentication with Knox
- Hue File Browser support





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**How it all started**

# Beginning

## My first patch

### HDDS-3983 Ozone RocksDB Iterator wrapper should not expose key() and value() API. #2402

**Merged** errose28 merged 10 commits into apache:master from dombizita:HDDS-3983 on Nov 4, 2021

Conversation 3 Commits 10 Checks 0 Files changed 7 +36 -86

dombizita commented on Jul 9, 2021

**What changes were proposed in this pull request?**

It was found that there is discrepancy in the implementation of the next(), key() and value() methods in the RDBStoreIterator wrapper class.

next() returns the current rocksdb entry and moves ahead to the next entry.  
key() returns current rocksdb entry's key.  
value() returns current rocksdb entry's value.

This means that during iteration next() returns the current value, and subsequent calls to key() / value() after next() will return the next value. To solve this, we can remove those 2 APIs from the iterator class, and have the usages follow this pattern.

**What is the link to the Apache JIRA**

<https://issues.apache.org/jira/browse/HDDS-3983>

**How was this patch tested?**

Unit tests locally.

Reviewers: errose28 (✓), avijayanhwx (●)

Assignees: No one—assign yourself

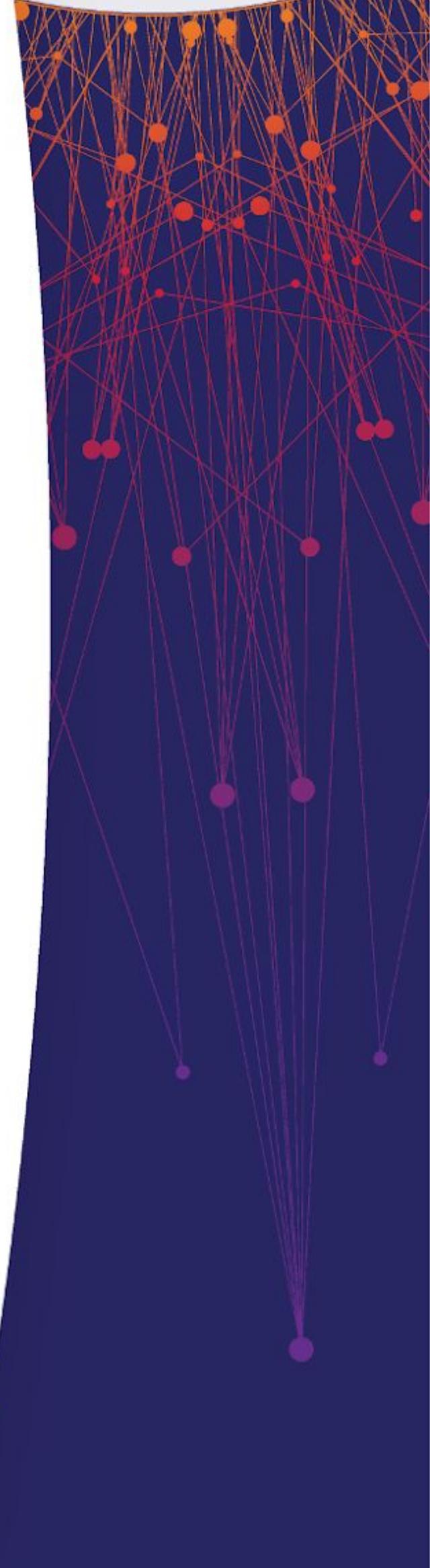
Labels: None yet

Projects: None yet

Milestone: No milestone

Notifications: Customize, Unsubscribe

You're receiving notifications because you were mentioned.





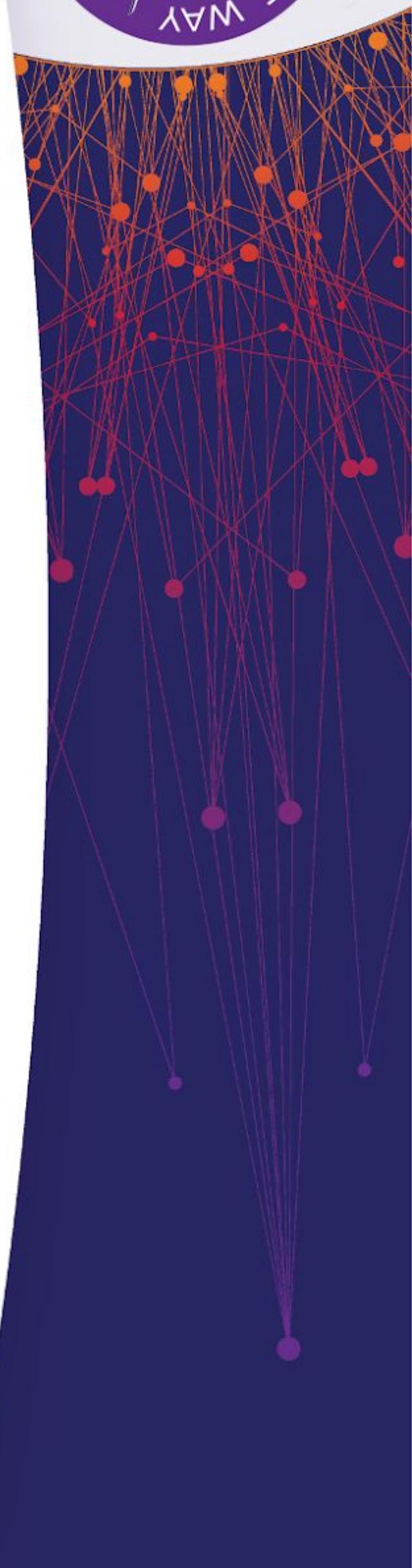
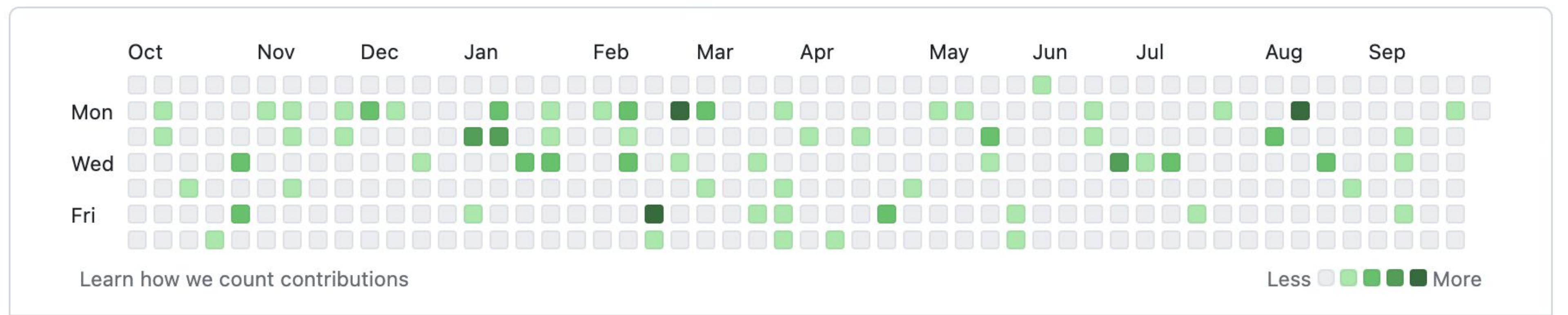
# Now

- 41 merged commit
- Apache Ozone committer



96 contributions in the last year

Contribution settings ▾



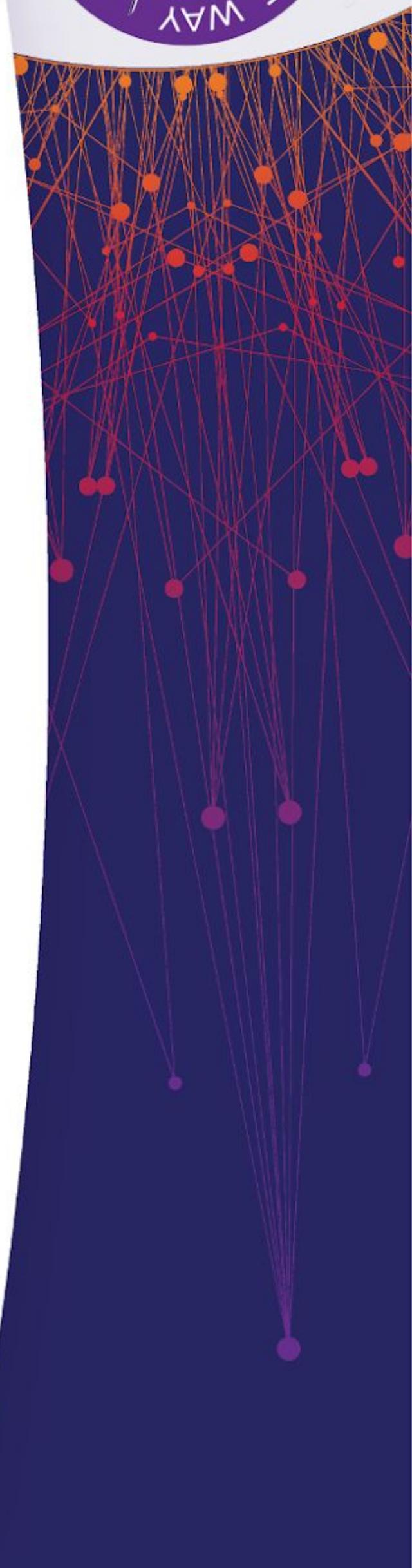


What helped me?



# What helped me?

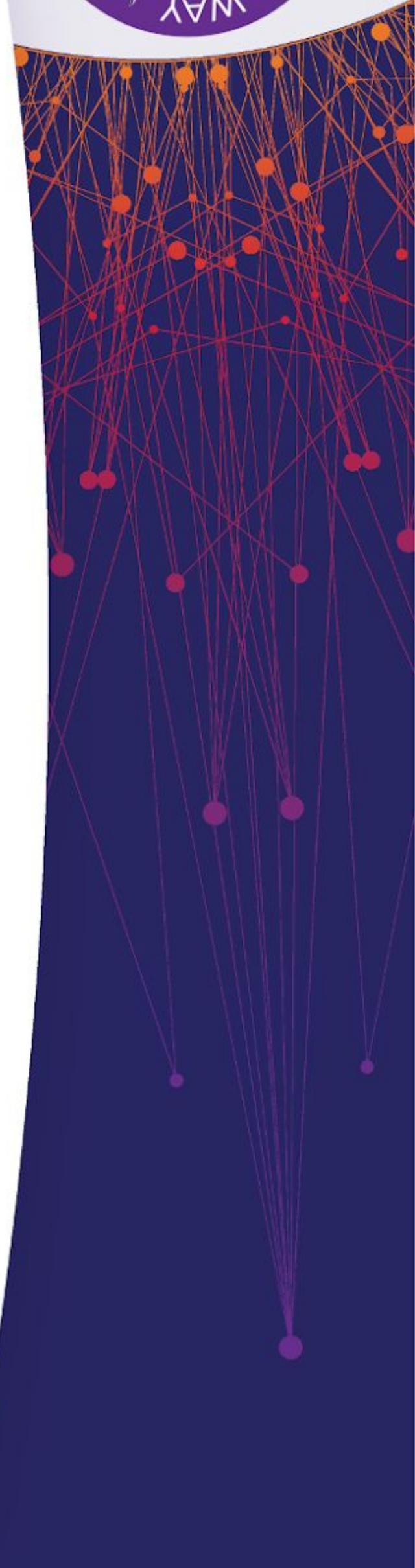
- Mentoring
- Youtube videos
- Website and documentation, GitHub discussions
- Meetup recordings
- Docker setup in project - try out the actual software





# What helped me?

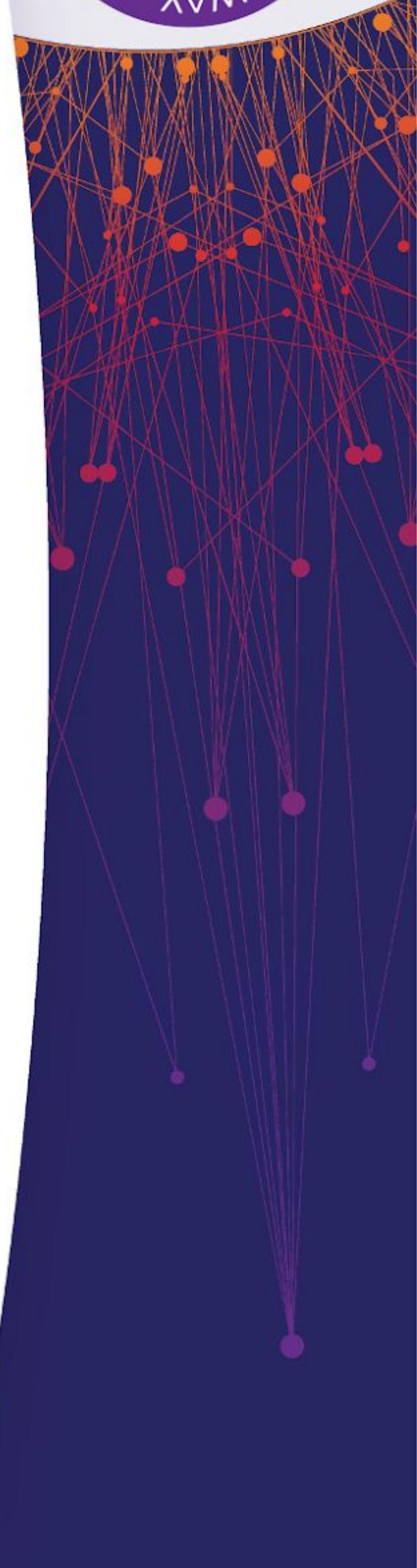
- PR reviews - more comments sometime felt better
- When reviewing - detailed PR and JIRA description
- Tagging me on PRs that I could review
- Community meetings
- Empathy





# Good newbie++

- Project tool development
- Feature branch merge process
- Write docs
- Integration with other Apache projects





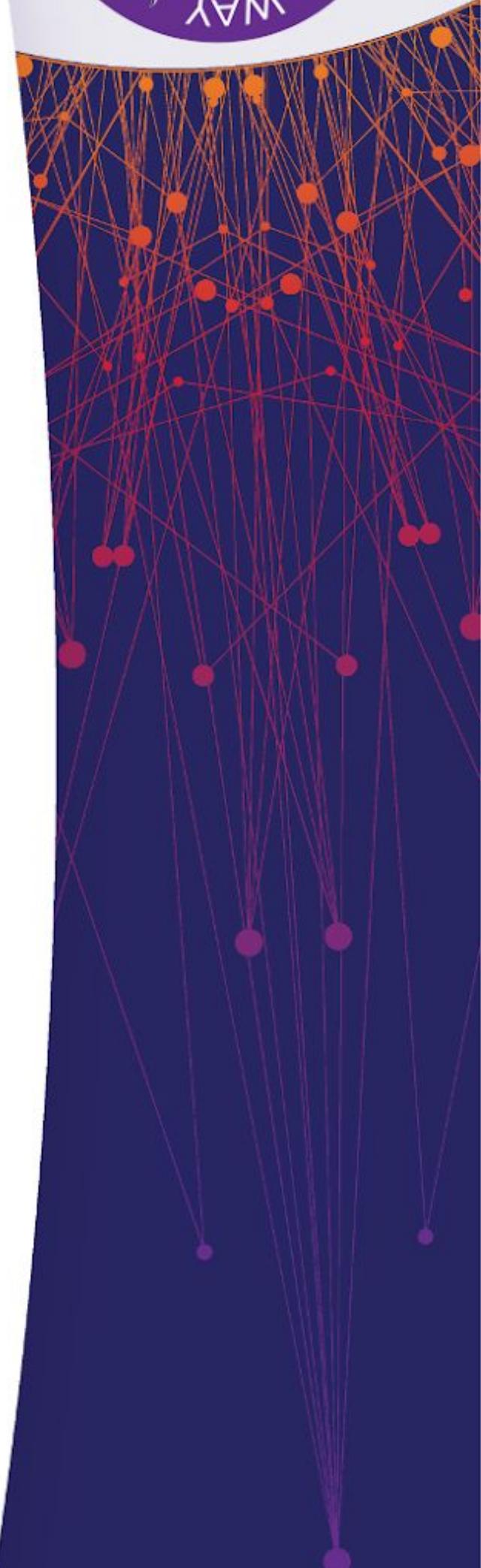
A large, abstract network graph is overlaid on the background of the slide. The graph consists of numerous small, semi-transparent colored dots (ranging from red to yellow to purple) connected by a dense web of thin, semi-transparent lines of the same colors. The dots are more concentrated in the lower-left and upper-right quadrants, creating a sense of depth and connectivity.

# Learned lessons



# Things I learned

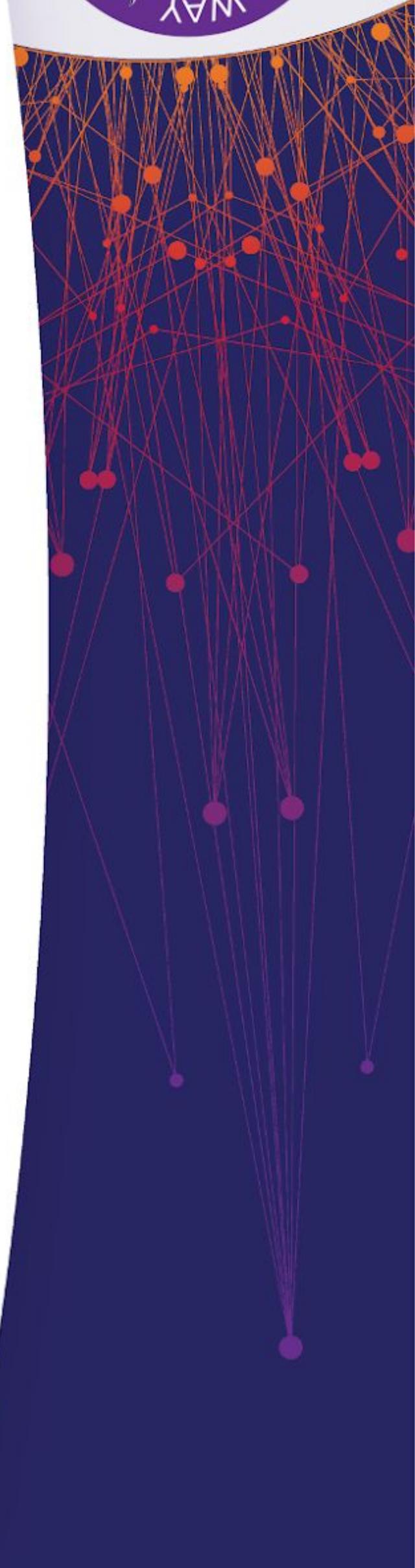
- Don't spend too much time on something you are blocked on, it's better to ask for help
- Don't be afraid to review patches, even if you only ask questions
- If you find bugs, file Jiras with proper description and examples - review PR
- Try to summarise harder tasks in docs





# Outside open source

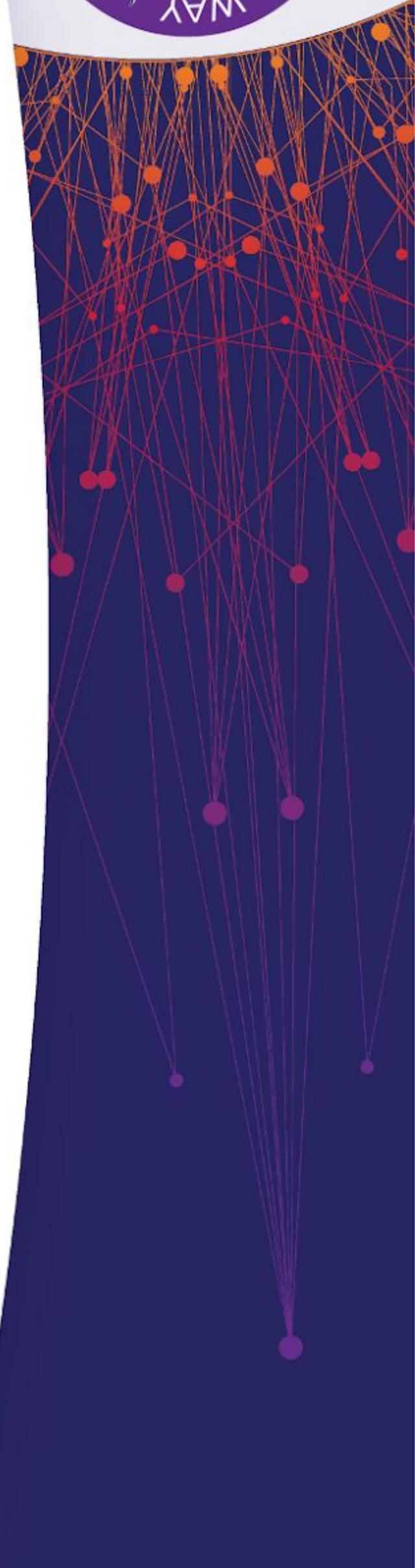
- A friend of mine said ...
- Responsibility
- Openness makes it safer





# The Apache Way to me...

*Software development in a way where we have endless opportunities to learn from each other.*





Join the Apache  
Ozone Community!

apache/ozone  
apache/ratis



Thank you so  
much!

**Zita Dombi**

Apache Ozone Committer  
Software Engineer II @ Cloudera Inc.

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